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1 Distributed transaction management: Architecture for transaction man service

Gopi Attaluri, Dexter P. Bradshaw

October 1993 Proceedings of the 1993 conference of the Centre for Advance distributed computing - Volume 2

Full text available: pdf(986.63 KB)

Additional Information: full citation, a

The CORDS multidatabase service (MDBS) provides transparent access t heterogeneous database systems distributed across a communication ne multiple concurrent requests to read data from and write data to compo transactions. The global transaction manager is the MDBS component th and global atomicity of multiple distributed global transac ...

<sup>2</sup> NFQL: the natural forms query language

David W. Embley

June 1989

Best 200 shown

ACM Transactions on Database Systems (TODS), Volume 1

Full text available: pdf(3.56 MB)

Additional Information: full citation, abstract, references, c

A means by which ordinary forms can be exploited to provide a basis for processing is discussed. The Natural Forms Query Language (NFQL) is d computation specifications are formulated by sketching ordinary forms t operations are specified by altering data on filled-in forms. The meaning that includes extended abstract data typ ...



3 Striping in disk array RM2 enabling the tolerance of double disk failur Chan-Ik Park, Tae-Young Choe

November 1996 Proceedings of the 1996 ACM/IEEE conference on Super Full text available: pdf(188.13 KB) Additional Information: full citation, abstract, re

There is a growing demand in high reliability beyond what current RAID user demand for data reliability. An efficient data placement scheme call which makes a disk array system tolerable against double disk failures. optimal striping unit for RM2 particularly when no workload information array simulator for RM2 has bee ...

Parallel data mining for association rules on shared-memory multi-pro M. J. Zaki, M. Ogihara, S. Parthasarathy, W. Li November 1996 Proceedings of the 1996 ACM/IEEE conference on Super Full text available: pdf(137.42 KB)
Proceedings of the 1996 ACM/IEEE conference on Super Additional Information: full citation, abstract, refere

Data mining is an emerging research area, whose goal is to extract sign databases. High-level inference from large volumes of routine business d businesses, such as customer buying patterns, shelving criterion in supe have been proposed for data mining of association rules. However, resea algorithms. In this paper we pres ...

- 5 Global ID, trusted systems, and communications markets
  Jonathan Weinberg
  April 2000 Proceedings of the tenth conference on Computers, freedom and
  Full text available: ₱ pdf(72.20 KB)

  Additional Information: full citation, in
- 6 A localized algorithm for parallel association mining
  Mohammed Javeed Zaki, Srinivasan Parthasarathy, Wei Li
  June 1997 Proceedings of the ninth annual ACM symposium on Parallel algo
  Full text available: 日 pdf(1.56 MB)
  Additional Information: full citation, references, citings, ind



7 Using association rules for product assortment decisions: a case stud Tom Brijs, Gilbert Swinnen, Koen Vanhoof, Geert Wets August 1999 Proceedings of the fifth ACM SIGKDD international conference o Full text available: pdf(799.10 KB)
Additional Information: full citation, references,

Keywords: association rules, frequent itemset, product assortment decis

SilkRoute: A framework for publishing relational data in XML

Mary Fernández, Yana Kadiyska, Dan Suciu, Atsuyuki Morishima, Wang-Ch

December 2002 ACM Transactions on Database Systems (TODS), Volu

Full text available: pdf(687.91 KB) Additional Information: full citation, abstract, r

XML is the "lingua franca" for data exchange between interenterprise ap a framework for publishing relational data in XML. In SilkRoute, relationa relational tables are presented to the database administrator in a canoni defines in the XQuery query language a public, virtual XML view over the formulates an XQuery query over the publ ...

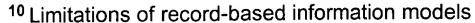
Keywords: XML, XML storage systems, XQuery

9 Broadcast and on-line cultural heritage: Copyright protection and man images of the Hellenic cultural heritage

Dimitris K. Tsolis, George K. Tsolis, Emmanouil G. Karatzas, Theodore S. P November 2001 Proceedings of the 2001 conference on Virtual reality, arc Full text available: pdf(358.69 KB) Additional Information: full citation, abstract, r

The main issue addressed in this paper is the design and implementation which offers specialized services and a Dedicated User Interface for the Property Rights of digitized material. In addition, another main research of a Web Based Library, supported by advanced technologies, for the pro The work described in thi ...

Keywords: copyright protection, databases, digital web archives, informa



William Kent

March 1979 ACM Transactions on Database Systems (TODS), Volume Full text available: pdf(2.14 MB) Additional Information: full citation, abstract, reference

Record structures are generally efficient, familiar, and easy to use for m they are not complete in their ability to represent information, nor are th

Keywords: conceptual model, data model, entities, first normal form, inf relationships, semantic model

### <sup>11</sup> Object identity

Setrag N. Khoshafian, George P. Copeland

June 1986 ACM SIGPLAN Notices , Conference proceedings on Object-orient applications, Volume 21 Issue 11

Full text available: 📆 pdf(1.01 MB)

Additional Information: full citation, abstract, referen

Identity is that property of an object which distinguishes each object fro almost independently in general-purpose programming languages and d as these two environments evolve and merge. We describe a continuum and argue for the incorporation of the strong notion of identity at the co

### <sup>12</sup> On completeness of historical relational query languages

James Clifford, Albert Croker, Alexander Tuzhilin

March 1994 ACM Transactions on Database Systems (TODS), Volume Full text available: pdf(3.55 MB) Additional Information: full citation, abstract, references,

Numerous proposals for extending the relational data model to incorpora appeared in the past several years. These proposals have differed consid has been incorporated both into the structure of the extended relations o extended relational algebra or calculus that they define. Because of thes

Keywords: completeness, historical databases, query languages, relation grouping, temporal logic



## 13 Beyond the handset: designing for wireless communications usability Levsia Palen, Marilyn Salzman

June 2002 ACM Transactions on Computer-Human Interaction (TOCHI),
Full text available: pdf(225.23 KB)
Additional Information: full citation, abstract, refere

Service-based wireless devices like wireless telephones require users to the hardware and software of the handset. By entering into contractual r using network-based services, users interact with a larger *system*---one The operation of the wireless telephone requires the assimilation of hete device manufacturer, sal ...

Keywords: cell, field study, mobile, qualitative study, social construction usability, wireless telephones

### 14 Query evaluation techniques for large databases

Goetz Graefe

June 1993 ACM Computing Surveys (CSUR), Volume 25 Issue 2
Full text available: pdf(9.37 MB) Additional Information: full citation, abstract, references,

Database management systems will continue to manage large data volu and manipulating large sets and sequences will be required to provide ac object-oriented and extensible database systems will not solve this prob exacerbate the problem: In order to manipulate large sets of complex ob systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation p object-oriented database systems, operator model of parallelization, par set-matching algorithms, sort-hash duality

## <sup>15</sup> Theseus&mdash;a programming language for relational databeses Jonathan E. Shopiro

December 1979 ACM Transactions on Database Systems (TODS), Volu Full text available: pdf(1.76 MB) Additional Information: full citation, abstract, reference

Theseus, a very high-level programming language extending EUCLID, is relations and a-sets, a generalization of records. The primary design goa well-structured programs for database applications and to serve as a veh optimization.

Keywords: compiler organization, relational database languages, very hi

### <sup>16</sup> Transaction processing monitors

Philip A. Bernstein November 1990

Communications of the ACM, Volume 33 Issue
Additional Information: full citation, abstract, references

Full text available: 🔁 pdf(3.06 MB)

A transaction processing (TP) application is a program that performs an database on behalf of an on-line user. A TP system is an integrated set o products include both hardware, such as processors, memories, disks an such as operating systems (Oss), database management systems (DBMS of the integration of these prod ...

### <sup>17</sup> Distributed operating systems

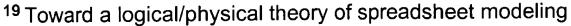
Andrew S. Tanenbaum, Robbert Van Renesse
December 1985 ACM Computing Surveys (CSUR), Volume 17 Iss
Full text available: pdf(5.49 MB) Additional Information: full citation, abstract, references,

Distributed operating systems have many aspects in common with centr ways. This paper is intended as an introduction to distributed operating research about them. After a discussion of what constitutes a distributed from a computer network, various key design issues are discussed. Then are examined in some detail ...

18 Characterizing the scalability of a large web-based shopping system
August 2001 ACM Transactions on Internet Technology (TOIT), Volum
Full text available: pdf(261.91 KB) Additional Information: full citation, abstract, reference

This article presents an analysis of five days of workload data from a lar environment of this Web-based shopping system includes Web servers, assortment of load-balancing and firewall appliances. We characterize us impact on system performance scalability. The purpose of our study is to planning exercises for the multit ...

Keywords: capacity planning, clustering, personalization, scalability anal characterization



Tomás Isakowitz, Shimon Schocken, Henry C. Lucas January 1995

ACM Transactions on Information Systems (TOIS), Volu Additional Information: full citation, abstract, references

Full text available: 📆 pdf(2.76 MB)

In spite of the increasing sophistication and power of commercial spread a methodology to support the construction and maintenance of spreadsh perspective, we identify four principal components that characterize any and binding. We present a factoring algorithm for identifying and extract

Keywords: model management

<sup>20</sup> Credit risk management system on e-Commerce: case based reason

Mitsuaki Nakasumi September 2003

Proceedings of the 5th international conference on Ele

Full text available: 📆 pdf(153.10 KB)

Additional Information: full citation, a

This paper addresses the cost imposed on the e-Commerce market when advantage over credit companies; in short, we examine the transaction retailers and customers differ significantly in terms of their riskiness, an permitted to assess these differences, credit companies will attempt to c premiums for equivalent coverage; unless mechan ....

Keywords: XBRL, case-based reasoning, credit risk, e-commerce

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